

PTO/SB/17 (10-03)

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 294.00)

Complete if Known

Application Number	09/877,801
Filing Date	June 1, 2001
First Named Inventor	Andrew S. Keys
Examiner Name	Mooney, Michael P.
Art Unit	2877
Attorney Docket No.	MFS-31565-1

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	14-0116
Deposit Account Name	NASA

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
22	2		-20" = 2	x 18 = 36	36
6			- 3" = 3	x 86 = 258	258

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20			
1201 86	2201 43	Independent claims in excess of 3			
1203 280	2203 145	Multiple dependent claim, if not paid			
1204 86	2204 43	" Reissue independent claims over original patent			
1205 18	2205 9	" Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 294.00)					

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 2051	65 Surcharge - late filing fee or oath	
1052 50	2052 2052	25 Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 1053	130 Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 2251	55 Extension for reply within first month	
1252 420	2252 2252	210 Extension for reply within second month	
1253 950	2253 2253	475 Extension for reply within third month	
1254 1,480	2254 2254	740 Extension for reply within fourth month	
1255 2,010	2255 2255	1,005 Extension for reply within fifth month	
1401 330	2401 2401	165 Notice of Appeal	
1402 330	2402 2402	165 Filing brief in support of an appeal	
1403 290	2403 2403	145 Request for oral hearing	
1451 1,510	1451 1451	1,510 Petition to institute a public use proceeding	
1452 110	2452 2452	55 Petition to revive - unavoidable	
1453 1,330	2453 2453	665 Petition to revive - unintentional	
1501 1,330	2501 2501	665 Utility issue fee (or reissue)	
1502 480	2502 2502	240 Design issue fee	
1503 640	2503 2503	320 Plant issue fee	
1480 130	1460 1460	130 Petitions to the Commissioner	
1807 50	1807 1807	50 Processing fee under 37 CFR 1.17(q)	
1806 180	1806 1806	180 Submission of Information Disclosure Stmt	
8021 40	8021 8021	40 Recording each patent assignment per property (times number of properties)	
1809 770	2809 2809	385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 2810	385 For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 2801	385 Request for Continued Examination (RCE)	
1802 900	1802 1802	900 Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			

(Complete if applicable)

Name (Print/Type)	James J. McGroarty	Registration No. (Attorney/Agent)	38960	Telephone 256-544-0013
Signature				Date March 5, 2004

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